

Answers to Review Problems:

- 1) 28.3 square units 2) 107.7 square units 3) 40 degrees
- 4) \$3190.77 5) 58 cm 6) $m\angle C = 95$ degrees; $b = 9.0$; $c = 15.6$
- 7) $AC = 113$ ft 8) $m\angle S = 21$ degrees 9) $AC = 177$ ft 10) 228 ft
- 11) $c = 17$ 12) 296 yds 13) 44.8 yds 14) $x = 33$ degrees;
 $y = 57$ degrees
- 15) 81 degrees 16) 9.6 degrees 17) $\sin \theta = 2\sqrt{6}/7$
 $\tan \theta = 2\sqrt{6}/5$ 18) $\cos \theta = \sqrt{37}/7$; $\tan \theta = 2\sqrt{111}/37$
- 19) $x = 30$ degrees 20) 76 degrees 21) 17 degrees
- 22) 23 degrees